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(71) Applicant(s)

Oluwatosin Anthony Jalade
73 Hathaway Crescent, Manor Park,
LONDON, E12 6LS, United Kingdom

(72) Inventor(s)

Oluwatosin Anthony Jalade

(74) Agent and/or Address for Service

Oluwatosin Anthony Jalade
73 Hathaway Crescent, Manor Park,
LONDON, E12 6LS, United Kingdom

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(56) Documents Cited

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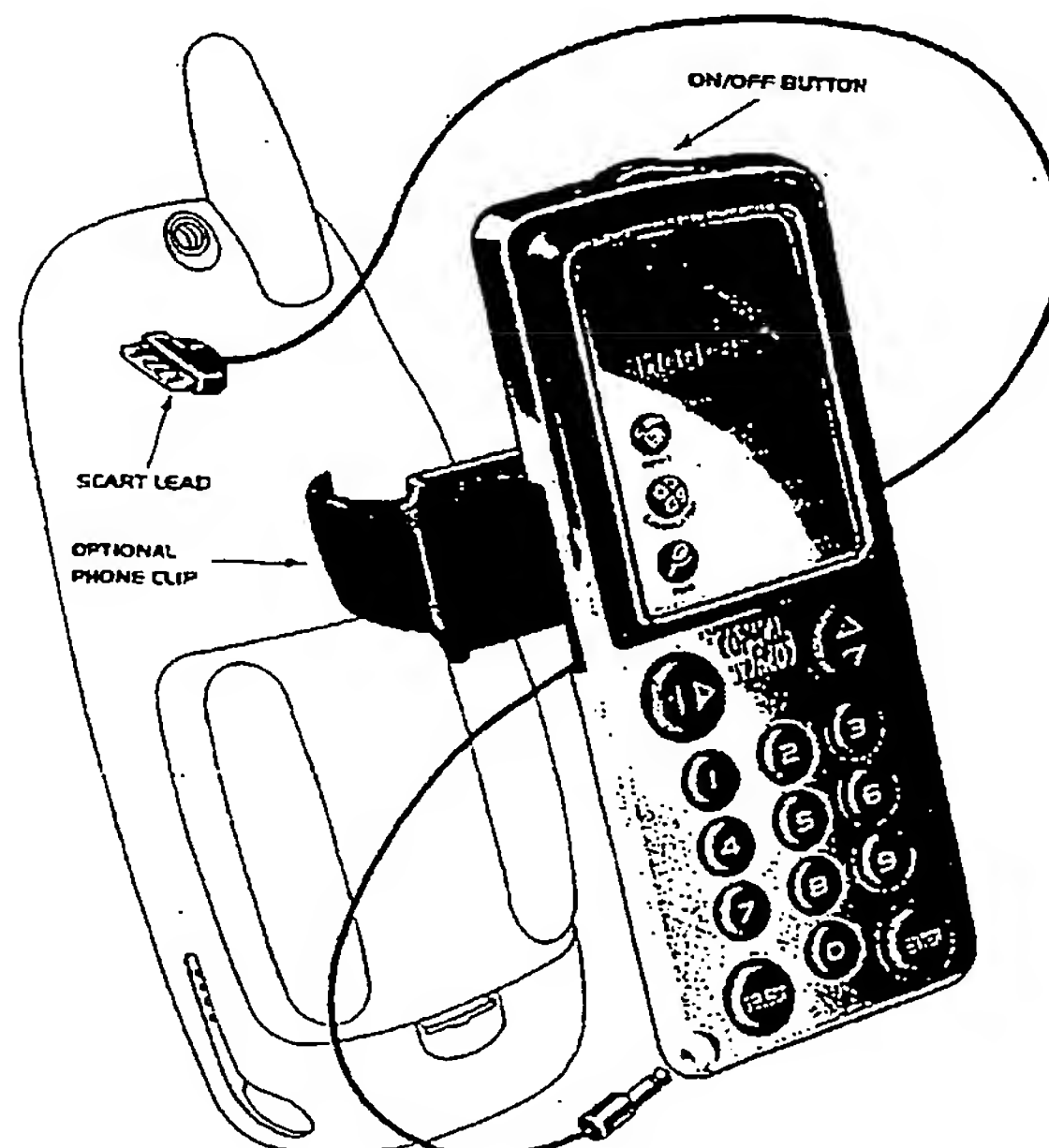
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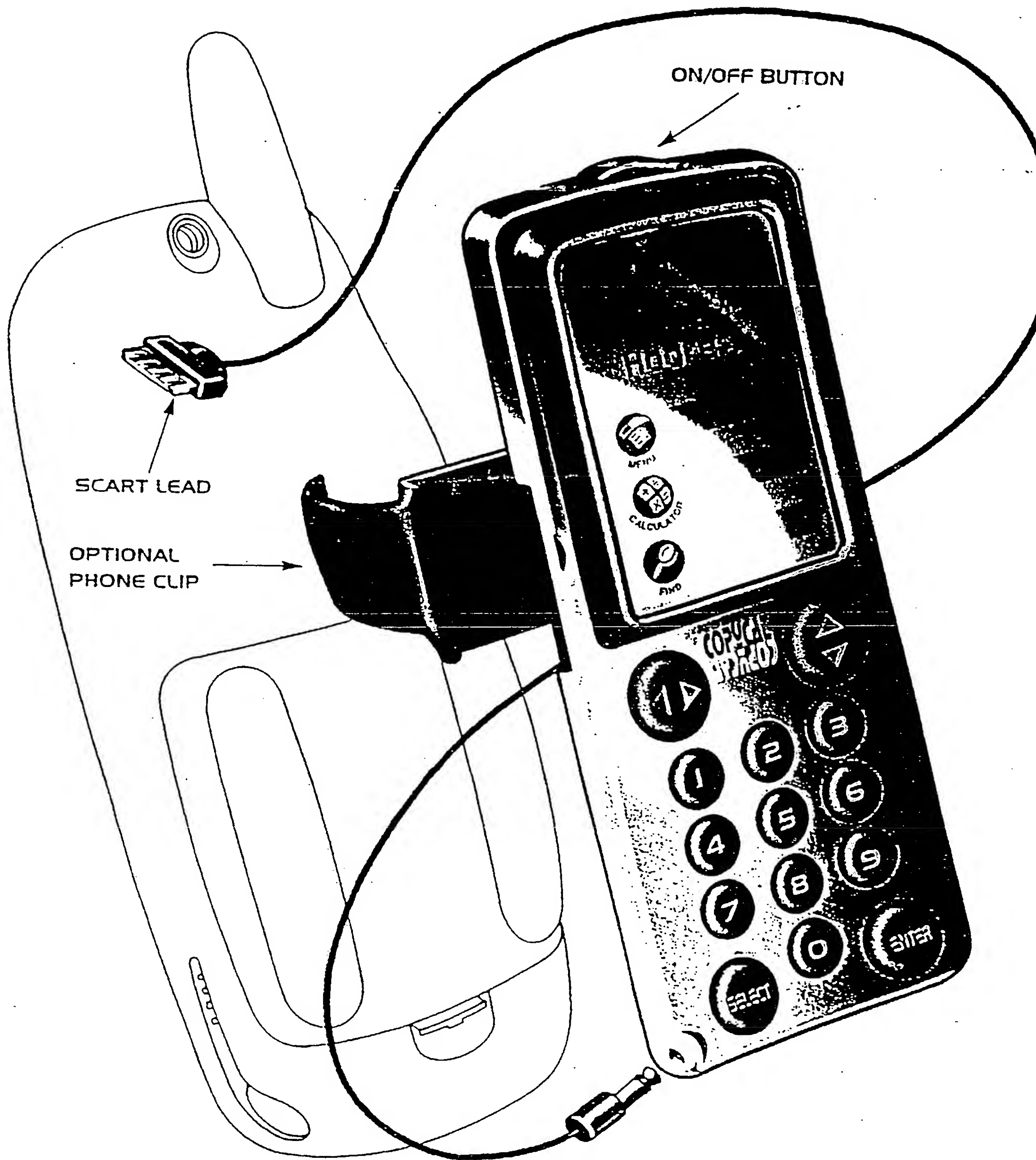
(54) Abstract Title

Mobile phone data backup device

(57) A mobile phone backup device, with a separate mobile phone connecting device that could also be wireless, having a storage unit, an operation unit and a control/display unit that performs functions including backup and update method for multiple phonebook entries, backup method for text messages, a retrieve and store method for mobile phone(s) serial number(s), a global search method for searching text strings in all of the different memory sections, backup method for audio tones/voice messages, backup method for video messages, password protection for access to stored information and user input ability. Upon user input, the control unit controls the display unit to display a sequence of menu list where the user can select an option and perform series of operations listed.



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GENERAL DESCRIPTION OF THE INVENTION**MOBILE PHONE BACKUP**

This invention is a mobile phone backup device.

The concept of my invention calls for the manufacture and distribution of a device that would provide backup for the phonebook records and important text messages stored within a mobile phone's directory. This concept is intended to provide mobile phone users with a means of keeping their phonebook records as well as important text messages stored in a separate unit so that all of this information would not be lost should the phone be lost or misplaced. This, then eliminates the need to carry a separate notebook containing the numbers in written form.

However, there is one downside to this technology. Should the phone be lost or stolen, all of the owner's phonebook are gone as well. At a minimum, this leaves the user facing tedious chore of re-entering every phone number along with the associated names and related information, into the new phone that is purchased to replace the one that was lost or stolen. In some instances, though, the phone may have been the sole repository for some numbers and hence the records would not be available for re-entry regardless of how much of an inconvenience this imposes.

To correct this shortcoming, this device would consist of a separate device that would be connected to the mobile phone and to which the phone's phonebook records as well as any important text messages to the user could be downloaded. Any records that have been added or updated in the phone since the last download would be automatically updated in the storage unit's memory. The information in this device could also be transferred into a new phone. This device could also store the mobile phone(s)'s serial number(s) thus assuring that it could be retrieved should the phone be lost or stolen.

CLAIMS

1. A backup device that performs phonebook backup by downloading from user's mobile phone and can also accept user input.
2. A backup device that performs text-messaging backup by downloading from user's mobile phone.
3. A device that retrieves and stores the user's mobile phone(s) serial number(s).
4. A device that can store e-mail addresses via input from user or downloaded from user's mobile phone.
5. A device that can store large number of phonebook entries and text messages for more than one phone.
6. A password protected device to confirm user and prompts for password confirmation to delete entries as well as transferring records to user's new phone.
7. A device that can store more than one number for a name entry.
8. A device that can store more than one text message for same name and (or) telephone number.
9. An electronic/telecom device as claimed in all claims listed above that require an additional device to connect to the mobile phone. This could also be a wireless connection.



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Application No: GB 0119993.4
Claims searched: 1-9

Examiner: Adam Tucker
Date of search: 13 March 2002

Patents Act 1977 Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:
UK Cl (Ed.T): H4L LRAX, LDPPX, LECCP, LECCX
Int Cl (Ed.7): H04Q 3/00, 7/32, G06F 11/14
Other: Online: WPI, EPODOC, PAJ, IEEE and selected internet sites

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
X, E	GB 2359461 A Nokia Mobile Phones Limited, see in particular page 2 lines 17-30, page 6 lines 12-25, page 15 lines 9-11	1-9
X	GB 2358556 A LG Information and Communications, see in particular figs 2 and 3, page 3 line 7-page 4 line 22 and page 8 line 24-page 9 line 2	1-4, 6-9
X	GB 2251357 A Matsushita Electric, See in particular page 2 line 15-page 6 line 14, page 9 lines 19-23, page 14 lines 15-19, page 17 lines 2-19, page 20 lines 7-13	1-9
X	JP 2000115346 Data Syst KK, See enclosed PAJ abstract	1, 9
A	http://www.the-gadgeteer.com/visor-backupmodule-review.html , Visor Backup module review, Don Damiani, 02/07/2000	-
X	http://www.pdagold.com/software/ppc/300/detail.asp?ApplicationID=810 , PDAgold.com, Sunnysoft GSM Manager 1.8.8, last modified 19/07/2001	1-9
X	http://www.cellular-cables.com/sim_master.shtml , Cellular Cables Sim Master - Sim Card Editor, product released July 2001	1-9

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.



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Category	Identity of document and relevant passage	Relevant to claims
X	http://www.compelson.com/simedit.htm , Compelson Labs News, SimEdit! 4.0, 01/08/2001	1-9
X	http://www.410palm.com/revoplus.html , Diamond Mako PDA, Palmtop Support Services, 12/07/2001	1-9
X	http://www.larrysworld.com/articles/SB_phonestorage.htm , Los Angeles Times, "Software enables the speedy storage of numbers in cell phones", L Magid, 28/04/1999	1-9

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.